

DETAILED ACTION

Response to Amendment

In the amendments filed on 01/17/2011, the applicant canceled the rejected claims and reassigned certain ones of the dependent claims that recite elements consistent with the allowed claim 2 from claim 1 to claim 2.

As such, the presently pending claims are now in proper form for allowance.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mark Joy (Reg. No. 35,562) on 03/28/2011.

The application has been amended as follows:

ABSTRACT

Throughput between personal computers and the Internet is increased by using inverse multiplexing over local loop telephone lines of different users. The different personal computers share the multiple intersubnetwork connections with each other, so that the efficiency of the use of the intersubnetwork connections is increased. Each of the computers is capable of receiving and/or transmitting inverse-multiplexed data

signals over the same plurality of intersubnetwork connections. Preferably, at each computer, use is made of a separate connecting device locally coupled to the computer and an intersubnetwork connection and remotely coupled to one or more other such connecting devices. The connecting devices are placed in different housings, each having a regular connection with a local computer and a wireless transmission connection to corresponding connecting devices in neighboring housings. The interchanged data are inverse-multiplexed and transmitted via the intersubnetwork connections as inverse multiplex data.

Allowable Subject Matter

1. Claims 2-4, 7-10 and 27-30 are allowed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JUTAI KAO whose telephone number is (571)272-9719. The examiner can normally be reached on Monday ~Friday 7:30 AM ~5:00 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kwang Yao can be reached on (571)272-3182. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Ju-Tai Kao

/Ju-Tai Kao/
Examiner, Art Unit 2473

/KWANG B. YAO/
Supervisory Patent Examiner, Art Unit 2473